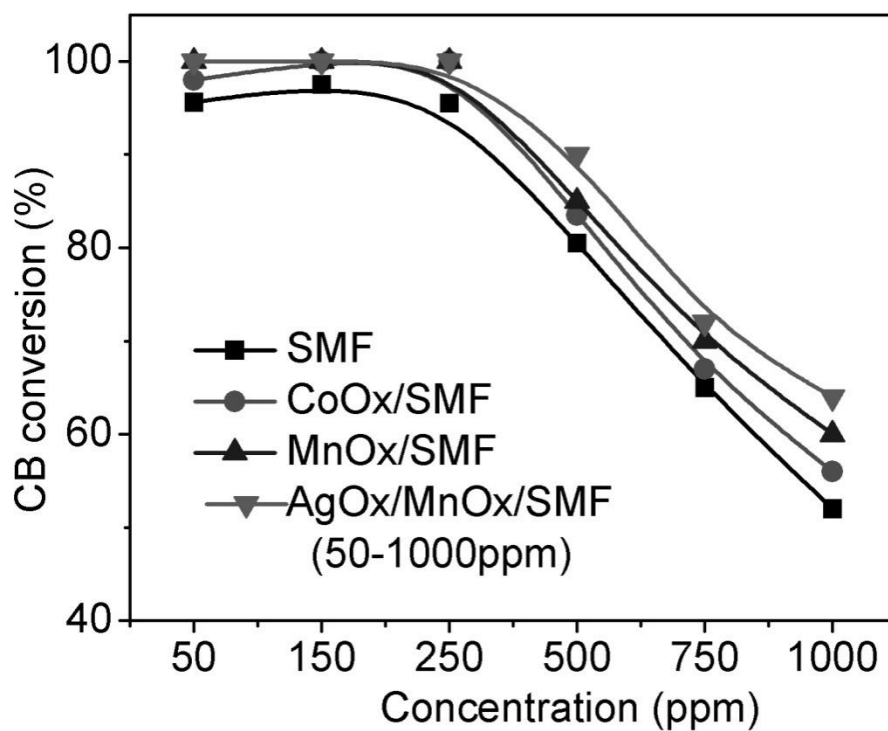


# Catalytic non-thermal plasma reactor for decomposition of dilute chlorobenzene

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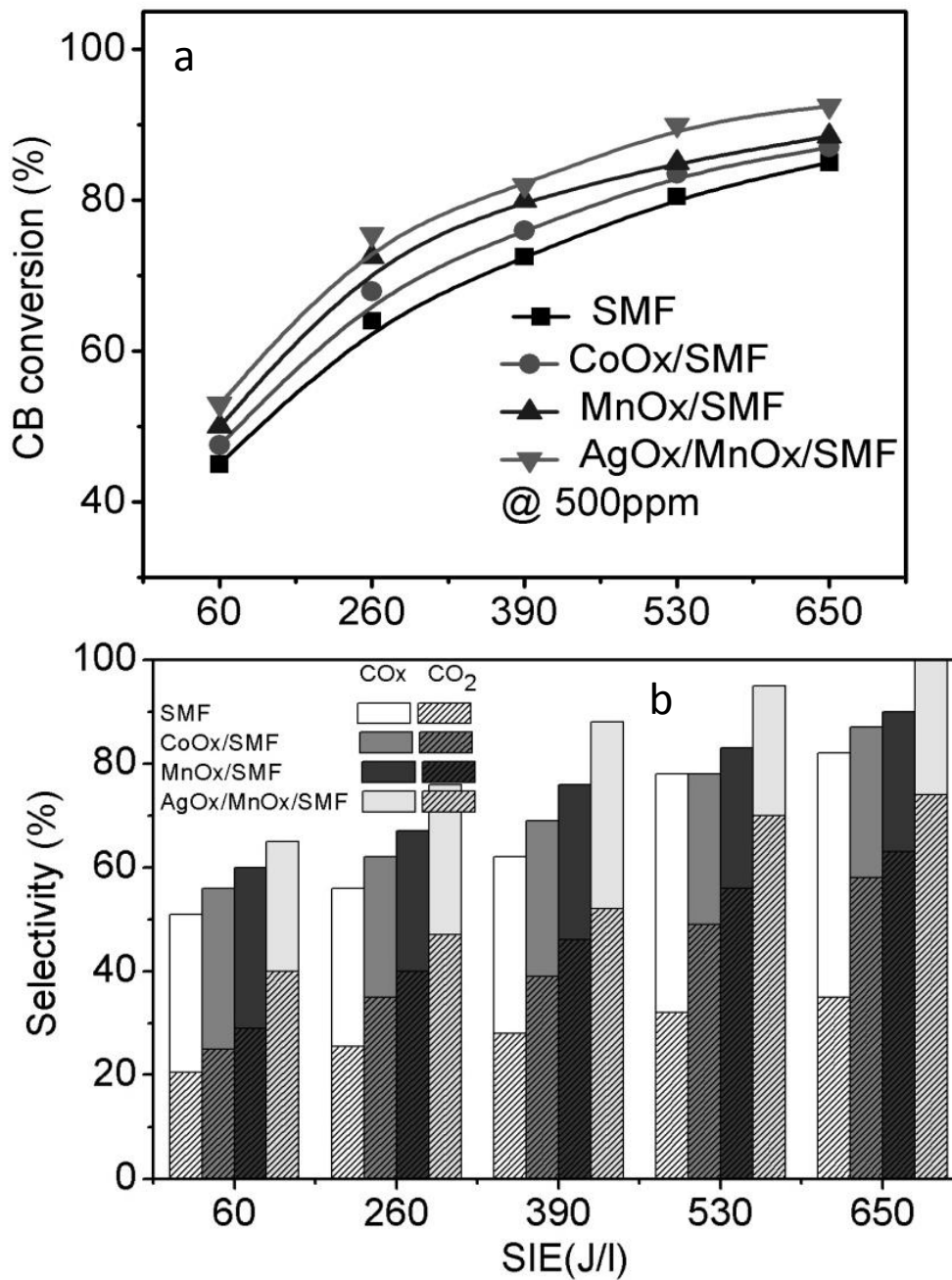
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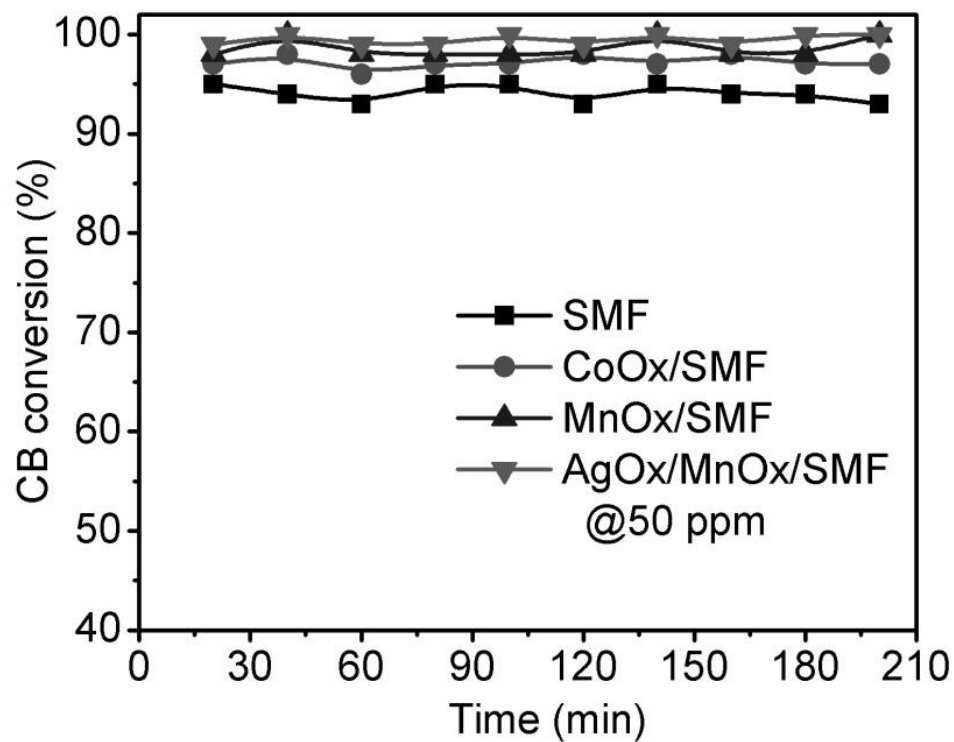


**Fig. S1.** Conversion of CB vs. concentration varied between 50 to 1000 ppm at a fixed SIE -530

(J/I)



**Fig. S2.** Influence of SMF modification and SIE on (a) conversion and (b) selectivity to CO<sub>x</sub> and CO<sub>2</sub> during removal of 500 ppm CB (SIE 60–650 J/l)



**Fig. S3.** Performance of NTP reactor as a function of time during conversion of 50 ppm of CB at 530 (J/I)